

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Released: May 27, 2003
For Week Ending: May 25, 2003
ND-CW2103

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Wet fields and below normal temperatures across much of the state early in the week gave way to warm, dry conditions enabling producers to get back in the field. Some reports of frost damage were reported in the north central region with temperatures dipping into the low 20s. Spraying for broadleaf weeds and wild oats began last week with 10 and 13 percent complete, respectively. A statewide average of 5.0 days were suitable for fieldwork.

Topsoil moisture supplies as of May 25 were rated 0 percent very short, 5 short, 80 adequate and 15 surplus compared to 1 percent very short, 3 short, 70 adequate and 26 surplus for the previous week.

Crops: Good planting progress was made last week compared to the previous week when planting was virtually stopped by cool, wet weather. The hard red spring wheat crop was 84 percent planted as of May 25. This compares to 68 percent planted for the previous week and 85 percent planted last year. The five-year average (1998-2002) is 83 percent planted. Sixty-five percent of the hard red spring wheat crop had emerged with 84 percent rated in good to excellent condition. Durum wheat, barley and oats seeding also made good progress last week. Durum wheat seeding jumped to 69 percent complete, up from 39 percent complete the previous week. Barley seeding advanced to 85 percent complete while 82 percent of the oats were seeded. Both barley and oats were rated at 87 percent in good to excellent condition.

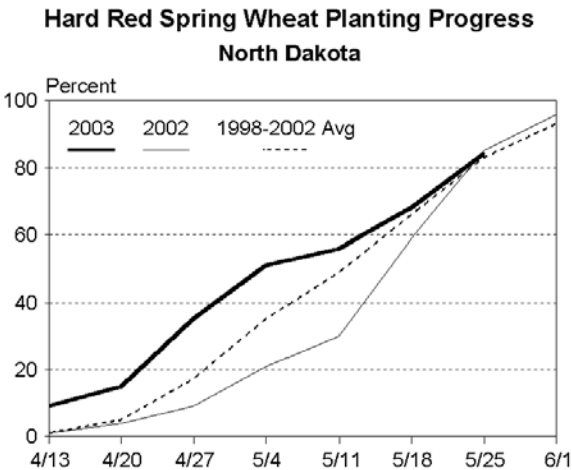
As of May 25, 85 percent of the corn crop was planted and 50 percent was emerged, similar to last year and the five-year average. Soybeans were 48 percent planted compared to 18 percent planted for the previous week. Twenty-six percent of the dry edible beans and 65 percent of the potatoes were planted, both behind last year and the five-year average. Sugarbeet planting is nearly complete with 97 percent planted. Sixty-six percent of the sugarbeets have emerged and were rated at 78 percent in good to excellent condition. Canola and flaxseed planting remains behind last year and the five-year average with 80 percent of the canola planted and 68 percent of the flaxseed seeded. Thirty-one percent of the sunflower crop was planted compared to 9 percent the prior week and the five-year average of 35 percent.

Livestock: Pasture and rangeland conditions were rated 2 percent very poor, 9 poor, 36 fair, 45 good, and 8 excellent. Stockwater supplies were rated 1 percent very short, 11 short, 83 adequate, and 5 surplus. Producers continue to move livestock to summer pastures and rangeland.

Crop Development Progress ^{1/} May 25, 2003 with Comparisons				
Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Planted	85	62	85	80
Emerged	63	38	31	52
Jointing	2	NA	1	3
DURUM WHEAT				
Planted	69	39	66	68
Emerged	39	20	20	39
Jointing	1	NA	1	1
HRS WHEAT				
Planted	84	68	85	83
Emerged	65	49	37	58
Jointing	4	NA	3	6
OATS				
Planted	82	61	85	84
Emerged	62	42	37	58
Jointing	3	NA	3	5
CANOLA				
Planted	80	58	93	83
Emerged	53	25	39	54
CORN				
Planted	85	68	85	80
Emerged	50	19	49	48
DRY EDIBLE BEANS				
Planted	26	4	34	41
Emerged	3	NA	3	8
FLAXSEED				
Planted	68	38	79	74
Emerged	28	9	27	40
POTATOES				
Planted	65	43	74	77
Emerged	20	10	12	19
SOYBEANS				
Planted	48	18	67	56
Emerged	12	3	8	17
SUGARBEETS				
Planted	97	91	95	92
Emerged	66	46	48	71
SUNFLOWER				
Planted	31	9	31	35
Emerged	3	NA	2	6

^{1/} Crop development percents represent all acreage in or beyond each stage. NA = Not Available

Percent Planted by District Week Ending May 25, 2003									
Crop	NW	NC	NE	WC	C	EC	SW	SC	SE
(Percent)									
Barley	84	83	67	88	95	97	96	84	100
HRS	66	72	69	88	93	97	95	82	99
Canola	95	92	49	91	100	99	100	83	61
Corn	71	73	63	63	87	93	77	64	95



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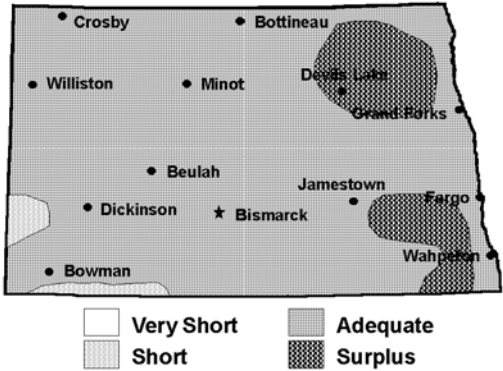
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 25, 2003

Soil Moisture: North Dakota, May 25, 2003

Date	Very Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	0	5	80	15
Last Week	1	3	70	26
Last Year	8	23	67	2
98-02 Avg	6	16	67	11
SUBSOIL				
This Week	4	13	69	14
Last Week	4	13	67	16
Last Year	5	24	68	3
98-02 Avg	4	15	69	12

Topsoil Moisture Supplies
May 25, 2003



Weather: Much of the state averaged lower than normal temperatures last week as a result of overnight lows still dipping into the upper 20s to low 30s. Some saw high temperatures in the upper 70s. Early in the week overnight lows dipped below freezing for much of the state. Southeast, portions of east central and portions of the northeast stayed above freezing. The remainder of the state hovered around freezing or dropped as low as 23 degrees. Overnight lows rose throughout the week.

Much of the state received precipitation last week resulting in many areas to be above normal for total precipitation from March 29, 2003 through this past week. Precipitation totals for the week ending May 25 ranged from 0.00 to as much as 0.65 inches. Cities that reported no precipitation were Williston, Jamestown and Edgeley. Turtle Lake reported the most precipitation with 0.65 of an inch with Cavalier reporting just over 0.50 of an inch of rain for the week. Much of the state saw rainfall amounts from 0.10 to 0.20 of an inch. Areas still below normal for precipitation at this time of year include the northwest, north central North Dakota, Watford City, the southwest and Linton.

Outlook, May 27-June 1: Drier conditions and warm temperatures are in store for the week. Expect to see high temperatures range from mid-70s to low 80s across the state Tuesday and Wednesday with temps in the 80s Thursday. Temperatures will drop off a little Friday through Sunday with highs in the upper 60s in extreme northeast Friday and low 70s elsewhere to low to mid-70s throughout the weekend. Overnight temps will drop into the upper 40s to low 50s early then hold steady in the low to mid-50s.

There is a chance for showers and thunderstorms for eastern North Dakota Tuesday, some of which could be severe with damaging winds and hail. Look for a chance of showers and thunderstorms Thursday into Thursday evening. Total precipitation for the week will range from 0.10 to 0.24 inches in the southwest and southeast, 0.25 to 0.49 inches in the northwest, east central, south central and west central portions of the state, and 0.50 to 1.25 inches in northeast, north central and central North Dakota. Central North Dakota receiving the lower end and the further north and east the more precipitation is possible. The extreme northeast corner of the state could see as much precipitation as 1.30 inches of rain.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 25, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
Northwest (1)	52	-5	0.08	3.13	-0.20
N. Central (2)	50	-7	0.12	2.58	-0.87
Northeast (3)	52	-7	0.29	3.45	0.37
W. Central (4)	51	-8	0.29	3.99	0.39
Central (5)	51	-7	0.18	5.39	1.86
E. Central (6)	53	-7	0.17	4.81	1.10
Southwest (7)	50	-6	0.16	3.44	-0.33
S. Central (8)	50	-8	0.15	4.41	0.64
Southeast (9)	53	-6	0.15	5.90	2.18

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending May 25, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
(Degrees F)			(Inches)		
(1) Bowbells	75	28	0.05	2.23	-1.04
Williston	77	30	0.00	3.20	0.28
Mohall	74	30	0.10	3.11	-0.24
Minot	71	32	0.16	3.98	0.22
(2) Baker	73	31	0.08	3.14	-0.70
Bottineau	74	23	0.18	2.27	-1.11
Towner	76	25	0.10	2.33	-0.80
(3) Cando	73	29	0.23	3.07	0.26
Cavalier	72	29	0.51	3.55	0.37
Forest River	74	35	0.20	3.36	0.03
Grand Forks	73	34	0.33	3.90	0.90
Langdon	70	31	0.21	3.15	0.36
St. Thomas	71	32	0.26	3.66	0.33
(4) Hazen	72	26	0.22	4.20	0.22
Turtle Lake	70	31	0.65	5.07	1.56
Watford City	77	29	0.00	2.71	-0.61
(5) Carrington	73	32	0.35	4.39	0.92
Harvey	74	30	0.26	4.07	0.46
Jamestown	74	31	0.00	7.47	4.29
Robinson	72	29	0.19	5.87	2.40
Streeter	72	27	0.11	5.13	1.26
(6) Dazey	72	32	0.21	4.94	1.33
Fargo	73	35	0.19	4.76	0.94
Hillsboro	72	33	0.12	4.73	1.02
(7) Beach	76	27	0.11	3.25	-0.01
Bowman	74	26	0.15	3.50	-0.09
Dickinson	74	26	0.20	3.34	-0.65
Hettinger	73	25	0.17	3.66	-0.55
(8) Mandan	73	30	0.24	5.32	1.76
Linton	71	28	0.06	3.50	-0.47
(9) Edgeley	72	33	0.00	6.57	2.70
Oakes	72	34	0.19	6.52	2.63
Wyndmere	72	35	0.27	4.60	1.19

^{1/} Normal is the 1961-90 average. NA=Not Available.
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